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ISO 6346

Third edition
1995-12-01

AMENDMENT 3
2012-12-01

Freight containers — Coding, identification and marking —

Amendment 3

Conteneurs pour le transport de marchandises — Codage, identification et marquage —

Amendement 3

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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 3 to ISO 6346:1995 was prepared by Technical Committee ISO/TC 104, *Freight containers*, Subcommittee SC 4, *Identification and communication*.

The following amendment is proposed to be made to the existing edition of ISO 6346:1995 to identify containers with reduced stacking or racking capabilities.

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Freight containers — Coding, identification and marking — Amendment 3

Page 6, 6.2.2.1

Add the following paragraph to the end of 6.2.2.1:

Containers with reduced stacking or reduced racking strength shall have size type code marks on the front (blind end) and on the roof at either end.

Page 9, Figure 5

Replace Note 2 to Figure 5 with the following:

2 Size and type markings on the roof and on the front end (blind end) are optional except for containers with reduced stacking and/or racking.

Page 16, Table E.1

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Replace Table E.1 with the following:

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Table E.1 — Detailed type code

Code	Type designation	Type group code	Main characteristics	Detailed type code[a]	Detailed type code[b]
G	**General purpose container**	GP	— Opening(s) at one end or both ends	G0	GA
G	Without ventilation		— Passive vents at upper part of cargo space	G1	GB
G			— Opening(s) at one or both ends plus “full” opening(s) on one or both sides	G2	GD
G			— Opening(s) at one or both ends plus “partial” opening(s) on one or both sides	G3	GG
G			— (unassigned)	G4	GJ
G			— (unassigned)	G5	GM
G			— (unassigned)	G6	GV
G			— (unassigned)	G7	GW
G			— (unassigned)	G8	GX
G			— With bulk capabilities	G9	GY
V	**General purpose container with ventilation**	VH	— Non mechanical system, vents at lower and upper parts of cargo space	V0	VA
V			— (unassigned)	V1	VB

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Table E.1 *(continued)*

V			— Mechanical ventilation system, located internally	V2	VD
V			— (unassigned)	V3	VG
V			— Mechanical ventilation system, located externally	V4	VJ
V			— (unassigned)	V5	VM
V			— (unassigned)	V6	VV
V			— (unassigned)	V7	VW
V			— (unassigned)	V8	VX
V			— (unassigned)	V9	VY
B	**Dry bulk cargo**				
B	— Non-pressurized, box type	BU	— Closed	B0	BA
B			— Airtight	B1	BB
B			— (unassigned)	B2	BD
B			— Rear discharge/cat flap type	B3	BG
B			— Rear discharge/full width opening	B4	BJ
B			— Rear discharge/full width fixed	B5	BM
B			— (unassigned)	B6	BV
B			— (unassigned)	B7	BW
B			— Front discharge/full width	B8	BX
B			— Side discharge	B9	BY
S	**Named cargo**	SN	— Livestock carrier	S0	SA
S			— Automotive carrier	S1	SB
S			— Live fish carrier	S2	SD
S			— (unassigned)	S3	SG
S			— Generator	S4	SJ
S			— (unassigned)	S5	SM
S			— (unassigned)	S6	SV
S			— (unassigned)	S7	SW
S			— (unassigned)	S8	SX
S			— (unassigned)	S9	SY
R	**Thermal container**				
R	— Refrigerated	RE	— Mechanically refrigerated	R0	RA
R	— Refrigerated and heated	RT	— Mechanically refrigerated and heated	R1	RB
R	— Self-powered	RS	— Mechanically refrigerated	R2	RD
R			— Mechanically refrigerated and heated	R3	RG
R			— (unassigned)	R4	RJ
R			— (unassigned)	R5	RM
R			— (unassigned)	R6	RV
R			— (unassigned)	R7	RW

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Table E.1 *(continued)*

R			— (unassigned)	R8	RX
R			— (unassigned)	R9	RY
H	**Thermal container**				
H	— Refrigerated and/or heated with removable equipment	HR	— Refrigerated and/or heated with removable equipment located externally, heat transfer coefficient K = 0,4 W/(m^2-K)	H0	HA
H			— Refrigerated and/or heated with removable equipment located internally	H1	HB
H			— Refrigerated and/or heated with removable equipment located externally, heat transfer coefficient K = 0,7 W/(m^2-K)	H2	HD
H			— (unassigned)	H3	HG
H			— (unassigned)	H4	HJ
H	— insulated	HI	— Insulated; heat transfer coefficient K = 0,4 W/(m^2-K)	H5	HM
H			— Insulated; heat transfer coefficient K = 0 W/(m^2-K)	H6	HV
H			— (unassigned)	H7	HW
H			— (unassigned)	H8	HX
H			— (unassigned)	H9	HY
U	**Open-top container**	UT	— Opening(s) at one or both ends	U0	UA
U			— Opening(s) at one or both ends, plus removable top member(s) in end frames	U1	UB
U			— Opening(s) at one or both ends, plus opening(s) on one or both sides	U2	UD
U			— Opening(s) at one or both ends, plus opening(s) on one or both sides plus removable top member(s) in end frames	U3	UG
U			— Opening(s) at one or both ends, plus partial opening on one side and full opening on the other side	U4	UJ
U			— (unassigned)	U5	UM
U			— Open topped container with removable hard top	U6	UV
U			— (unassigned)	U7	UW
U			— (unassigned)	U8	UX
U			— Coil carrier	U9	UY
P	**Platform (container)**	PL	— Platform (container)	P0	PA
P	Platform-based container with incomplete superstructure:				
P	— Fixed	PF	— Two complete and fixed ends	P1	PB

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Table E.1 *(continued)*

P			— Fixed posts, either free-standing or with removable top member	P2	PD
P	— Folding (collapsible)	PC	— Folding complete end structure	P3	PG
P			— Folding posts, either free-standing or with removable top member	P4	PJ
P					
P	— Platform-based container with complete superstructure	PS	— Open top, open ends (skeletal)	P5	PM
P	— Platform-based container for named cargo	PT	— Ship's gear carrier	P6	PV
P			— Car carrier	P7	PW
P			— Timber/pipe carrier	P8	PX
P			— Coil carrier	P9	PY
K	**Pressurized tank container (liquids and gases)**				
K		KL	— Liquid tank non-regulated goods	K0	KA
K			— Liquid tank dangerous goods ≤ 2,65 bar[c] pressure	K1	KB
K			— Liquid tank dangerous goods >2,65 bar[c] and ≤ 10 bar[c] pressure	K2	KD
K			— Liquid tank dangerous goods > 10 bar[c] high pressure	K3	KG
K			— Liquid tank non regulated goods requiring power supply	K4	KJ
K			— Liquid tank for dangerous goods ≤ 10 bar[c] requiring power supply	K5	KM
K			— Liquid tank for dangerous goods > 10 bar[c] pressure requiring power supply	K6	KV
K			— Cryogenic tank	K7	KW
K			— Gas tank	K8	KX
K			(unassigned)	K9	KY
N	**Pressurized and non-pressurized tank container (dry)**				
N		NH	— Hopper type vertical discharge	N0	NA
N			— Hopper type rear discharge	N1	NB
N			— (unassigned)	N2	ND
N		NN	— Non pressurized rear discharge	N3	NG
N			— Non-pressurized side discharge	N4	NJ

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Table E.1 *(continued)*

N			— Non-pressurized tipping discharge	N5	NM
N			— (unassigned)	N6	NV
N		NP	— Pressurized rear discharge	N7	NW
N			— Pressurized side discharge	N8	NX
N			— Pressurized tipping discharge	N9	NL
A	**Air/surface container**	AS		A0	

[a] For containers designed and tested with full stacking (minimum superimposed mass of 192,000 kg) and racking (minimum transverse force of 150 kN) capabilities. Superimposed mass is as defined in ISO 1496-1:1990.

[b] This includes containers designed and tested with reduced stacking and/or racking capabilities, but not containers that are approved or operated with one door off or otherwise operated with a temporary reduced capability.

[c] 100 kPa = 1 bar = 105 Pa = 105 N/m2 = 14.5 lbf/in2

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